



URBAN DISTRICT COUNCIL

OF

EAST & WEST MOLESEY.

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

FOR

1907.

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Urban District Council of East and West Molesey.

Area in Acres	1,444
Population (last Census, 1901)			6,034
Population (estimated to middle of 1907)					6,434
Death Rate	...	...	...	11'81	per 1,000
Birth Rate	...	...	...	22'22	„ „
Zymotic Death Rate	...	...	...	'62	„ „
Infant Mortality 50'84 per 1,000 Births Registered.					

Vital Statistics for England and Wales for 1907.

	Annual Rates per 1,000 living.		Infant Mortality.
	Births.	Deaths.	Annual Death-rate of Infants under One Year per 1,000 Births.
England and Wales ...	26'3	15'0	118

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

EAST MOLESEY,

SURREY,

February, 1908.

TO THE CHAIRMAN AND MEMBERS OF THE EAST AND
WEST MOLESEY URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to present my Annual Report on the health and sanitary condition of the District for the year 1907.

MORTALITY.

There were 76 deaths during the year including 9 "residents" who died outside the District, viz., 1 at the Brookwood Asylum and 8 at the Kingston Workhouse Infirmary. The deaths included 23 males and 53 females. The death-rate was 11·81 per 1,000 of the population, which is estimated to have been 6,434 at the middle of the year. The average death-rate for the previous ten years was 12·86. Amongst the causes of death 4 were due to Zymotic Disease, 4 to Influenza, 7 to Tubercular Disease, 8 to Cancer, 2 to Bronchitis, 8 to Pneumonia, and 10 to Heart Disease.

TUBERCULOSIS.

Of the 7 deaths from Tubercular Diseases 4 were of Phthisis. Sanitary authorities are becoming more alive to the importance of adopting active measures for the prevention of this disease. The milch cows of this District are subject to regular veterinary inspection, and those found to be tuberculous no longer used for the supply of milk. The cowsheds and dairies are inspected and kept clean and care taken that the sanitary conditions are good and that there is no contamination by sewer gas.

Medical practitioners in attendance upon infected persons invariably point out to them and their friends the methods to be adopted to prevent the disease spreading to other people, *e.g.*, "open air," treatment of sputum, etc.; the general sanitary condition of the district is improving. Upon the death or removal of a person suffering from Tubercular disease, the rooms lately inhabited by him are disinfected by the Council free of cost.

INQUESTS.

Seven Inquests were held; the verdicts were—2 Suicide during unsound mind, Heart failure, Drowning, Wilful murder, Asphyxia shock accidentally drowned, Overloading the stomach consequent on a weak heart, Syncope the result of diarrhœa. Three of the above did not belong to the district, *viz.*, one suicide, wilful murder, and one accidentally drowned.

INFANT MORTALITY.

There were 9 deaths in infants under one year of age, giving an Infant Mortality of 50·84 per 1,000 births registered. The average Infant Mortality for the previous ten years was 119·54.

I commented last year on the improvement in this death-rate and am glad to note it has been maintained.

ZYMOTIC MORTALITY.

There were 4 deaths from Zymotic Diseases, viz., Whooping Cough 1, Typhoid Fever 2, Diarrhœa 1, The Zymotic death-rate was '62 per 1,000 of the population.

BIRTHS.

There were 143 births registered during the year, 7 of which were illegitimate. The birth-rate was 22·22 per 1,000 of the population. The average birth-rate for the previous ten years was 25·69. The following table compares the various rates for England and Wales with those of this District:—

	Annual Rates per 1,000 Living.			Infant Mortality: Annual Death-rate of Infants under 1 year per 1,000 Births.
	Births.	Deaths from all Causes.	Deaths from Chief Epidemic Diseases.	
England and Wales	26·3	15·0	1·26	118
East and West Molesey	22·22	11·81	·62	50·84

INFECTIOUS DISEASES.

There were 48 cases of Infectious Diseases notified. In 1906 there were 31, in 1905 there were 35, and in 1904 there were 47.

Diphtheria.—Six cases were notified and occurred in the following months—2 in May, 2 in July, 1 in September and 1 in December. No connection was traced between any of the cases, 4 of which occurred in East Molesey and 2 in West Molesey. No case was fatal.

Erysipelas.—Seven cases were notified, 5 in East Molesey and 2 in West Molesey.

Scarlet Fever.—Thirty-one cases were notified, 30 in East Molesey and 1 in West Molesey. They occurred as follows: January 1, March 1, April 1, June 5, July 2, August 2, October 6, November 5, December 8. The disease was generally of a mild type and no death resulted.

Enteric or Typhoid Fever.—Four cases were notified, 3 in East Molesey and 1 in West Molesey, and a further case must be included which was inadvertently removed to the Kingston Workhouse Infirmary. There seemed to be a definite common cause for two of the cases, food in all probability being the source of infection. Two of the cases proved fatal.

No cases of the following were notified:—Smallpox, Cholera, Typhus Fever, Relapsing Fever, Continued Fever, Puerperal Fever, and Plague.

NON-NOTIFIABLE INFECTIOUS DISEASES.

There were several small outbreaks of Measles but there was no death due to this disease.

Whooping Cough was prevalent and the East Molesey Infants' Schools were closed for six weeks as a consequence. There was one death from this disease.

ISOLATION HOSPITAL.

Temporary arrangements have been made with the Tolworth Joint Hospital Board for admission of cases from the District. In all, 28 cases were removed to the Isolation Hospital—5 of Diphtheria, 22 of Scarlet Fever, and 1 of Typhoid Fever. One case of Scarlet Fever was removed to the London Fever Hospital.

WATER SUPPLY.

The water supply has been satisfactory.

SEWERAGE AND DRAINAGE.

The working of the Main Sewers and Drainage Works has again been satisfactory. The number of houses connected to the main sewers in 1907 was 13.

SANITARY CONDITIONS AFFECTING HEALTH.

Many insanitary conditions have been found and most of them remedied.

HOUSE ACCOMMODATION.

There is ample accommodation for the time being for the working classes. There are no public works at present in progress in the district and there is considerable poverty as a result amongst a certain section of the community. As invariably happens this leads to insanitary conditions, which from time to time give anxiety to the Council.

DAIRIES, COWSHEDS, MILKSHOPS, BAKE- HOUSES AND SLAUGHTER-HOUSES.

These have been inspected. As a rule they are well kept. On any sanitary requirements being pointed out they are generally at once remedied.

SCHOOLS.

Whooping Cough was the cause of the East Molesey Infants' Schools being closed for six weeks.

The official tables of the Local Government Board are appended; also those of the Factory and Workshop Act, 1901.

The Report of Mr. Stevenson, Sanitary Inspector, is included, and I acknowledge with thanks the assistance he has given in carrying out the sanitary administration of the district.

I am, Gentlemen,

Your obedient Servant,

J. E. KNOX, M.B., C.M.

Medical Officer of Health.

THE SANITARY INSPECTOR'S REPORT FOR THE YEAR ENDING DECEMBER 31ST, 1907.

EAST AND WEST MOLESEY.

Number of premises inspected under Section 92 of the Public Health Act, 1875	...	...	143
Number of Nuisances discovered	...	...	120
Number of Nuisances remedied without being reported to Sanitary Authority	...	...	34
Number of Nuisances reported to Sanitary Authority	...	...	86
Number of Nuisances remedied after report	...	...	84
Number of Nuisances reported, but remaining to be remedied on December 31st, 1907	...	...	2
Number of preliminary notices served for the abatement of Nuisances	...	...	57
Number of Statutory Notices served for the abate- ment of Nuisances	...	...	6
Number of Houses Disinfected after Infectious Disease	...	...	39

EAST MOLESEY.

Number of New Houses connected to the Main Sewers during 1907	...	...	7
Number of Old Houses connected to the Main Sewers during 1907	...	...	3
Total number of Houses connected with Main Sewers during 1907	...	...	10

WEST MOLESEY.

Number of New Houses connected to the Main Sewers during 1907	3
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JNO. STEVENSON, M.R.S.I.,

Sanitary Inspector.

February 26th, 1908.

TABLE I.—For the Whole District of East and West Molesey.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.					TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-registered residents in Public Institutions in the District.		Deaths of Residents registered in Public Institutions beyond the District.	NETT. DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.				10	11		Number.	Rate.*
				Number.	Rate per 1000 Births registered	Number.	Rate.*							
								1							2	3	4	5	6	7	8	9	12	13
1897	...	5,794	137	23.64	20	132.45	76	13.11	...	...	1	77	13.28
1898	...	5,858	161	27.48	23	167.88	82	13.90	...	...	6	88	15.02
1899	...	5,922	161	27.18	23	142.85	78	13.18	...	...	13	91	15.34
1900	...	5,986	146	24.37	12	74.53	53	8.85	...	...	8	61	10.19
1901	...	6,050	141	23.30	18	123.28	75	12.39	...	...	4	79	13.05
1902	...	6,114	138	22.57	20	141.84	66	10.79	...	...	9	75	12.26
1903	...	6,178	156	25.25	15	108.69	50	8.09	...	...	8	58	9.38
1904	...	6,242	188	30.12	22	141.02	81	12.97	...	...	15	96	15.38
1905	...	6,306	159	25.21	20	106.33	72	11.41	...	...	11	83	13.16
1906	...	6,370	177	27.78	9	56.60	66	10.36	...	...	8	74	11.61
Averages for years 1897-1906		6,082	156.4	25.69	18.2	119.54	69.9	11.50	...	...	8.3	78.2	12.86
1907	...	6,434	143	22.22	9	50.84	67	10.41	...	...	9	76	11.81

Zymotic Death Rate, '62.

* Rates in columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 1,444.

Total population at all ages, 6,034. } Census, 1901.
Number of Inhabited Houses, 1,218. }

Average number of persons per house, 4.95. }

Institutions outside the District receiving sick and infirm persons from the District:—Brookwood Asylum and Kingston Union.
Is the Union Workhouse within the District?—No.

TABLE II.—East and West Molesey District.

NAMES OF LOCALITIES.												
YEAR.	EAST AND WEST MOLESEY.				EAST MOLESEY.				WEST MOLESEY.			
	Population esti- mated to middle of each Year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
1897	5,794	137	77	20								
1898	5,858	161	88	23								
1899	5,922	161	91	23								
1900	5,986	146	61	12								
1901	6,050	141	79	18	5,133	109	68	14	917	32	11	4
1902	6,114	138	75	20	5,185	111	64	16	929	27	11	4
1903	6,178	156	58	15	5,237	121	48	12	941	35	10	3
1904	6,242	188	96	22	5,289	152	80	21	953	36	16	1
1905	6,306	159	83	20	5,341	128	73	18	965	31	10	2
1906	6,370	177	74	9	5,393	130	59	8	977	47	15	1
Avg. of yrs. 1897 to 1906	6,082	156.4	78.2	18.2	5,263	125.1	65.3	14.8	947	34.6	12.1	2.5
1907	6,434	143	76	9	5,445	110	67	8	989	33	9	1

TABLE III.—Cases of Infectious Disease Notified during the Year 1907.
In the East and West Molesey District.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							Total Cases Notified in Each Locality.				No. of Cases Removed to Hospital from Each Locality.				Total cases Removed to Hospital.
	At all Ages.	At Ages—Years.														
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	East Mol.	West Mol.	...	East Mol.	West Mol.	...			
Small Pox ...	6	...	2	3	1	...	...	4	2	...	4	2	...	...	6
Cholera ...	7	1	1	...	...	2	...	5	2	...	...	...	...	...	...
Diphtheria (includ- ing Membranous Croup)	31	1	2	25	2	1	...	30	1	...	22	..	...	...	22
Erysipelas ...	4	...	...	2	1	...	...	3	1	...	1	...	...	...	1
Scarlet Fever ...																
Typhus Fever ..																
Enteric Fever ..																
Relapsing Fever ...																
Continued Fever...																
Puerperal Fever ...																
Plague ...																
Totals ...	48	2	5	30	4	5	2	42	6	...	27	2	...	...	29

Isolation Hospital, Tolworth.

TABLE IV.

Causes of, and Ages at, Death during Year 1907.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS IN LOCALITIES (AT ALL AGES).				DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages.	Under 1.	1 & under 5.	5 & under 15.	15 & under 25.	25 & under 65.	65 & upwards.	East Molesey.	West Molesey.			
Small-pox												
Measles												
Scarlet fever												
Whooping-cough...	1	...	1	...	...	...	...	1				
Diphtheria (includ- ing membranous croup)												
Croup												
Fever:—												
Typhus												
Enteric	2	...	...	...	...	2	...	1	1			
Other continued												
Epidemic influenza	4	...	...	...	...	1	3	4				
Cholera												
Plague												
Diarrhœa	1	...	1	...	...	...	...	...	1			
Enteritis	1	1	...	...	...	...	...	...	1			
Puerperal fever ...												
Erysipelas... ..												
Other septic diseases	1	...	...	...	...	1	...	1				
Phthisis	4	...	...	...	...	4	...	4				
Other tubercular diseases	3	...	1	...	...	2	...	3				
Cancer, malignant disease	8	...	...	...	...	3	5	8				
Bronchitis... ..	2	...	...	...	...	...	2	2				
Pneumonia	8	3	1	...	1	3	...	7	1			
Pleurisy												
Other diseases of res- piratory organs...												
Alcoholism)	1	...	...	...	...	1	...	1				
Cirrhosis of liver }												
Venereal diseases...												
Premature birth ...												
Diseases & accidents of parturition ...												
Heart diseases ...	10	...	...	2	...	4	4	9	1			
Accidents	1	...	...	...	1	...	...	...	1			
Suicides	2	...	...	...	1	...	1	2				
All other causes ...	27	5	2	...	1	5	14	24	3			
All causes ...	76	9	6	2	4	26	29	67	9			

TABLE V.—East and West Molesey Urban District.
Infantile Mortality during the Year 1907. Deaths from stated
Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	1	...	1	...	2	...	1	1	2	...	1	1	...	1	...	...	9
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Common Infectious Diseases:</i>																		
Small-pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria : Croup		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Diarrhœal Diseases:</i>																		
Diarrhœa, all forms		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis, Muco-enteritis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Gastro-enteritis		...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Gastritis, Gastro-intestinal Catarrh		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Wasting Diseases:</i>																		
Premature Birth		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Defects		1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Injury at Birth		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Want of Breast Milk, Starvation		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Atrophy, Debility, Marasmus		...	...	1	...	1	...	1	...	1	...	...	...	...	...	...	...
<i>Tuberculous Diseases:</i>																		
Tuberculous Meningitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis: Tabes Mesenterica		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Other Causes:</i>																		
Erysipelas		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions		...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Bronchitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia		...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	3
Suffocation, overlying		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		1	...	1	...	2	...	1	1	2	...	1	1	...	1	...	...	9

District of East and West Molesey ... Population, estimated to middle of 1907, 6,434.

Births in the year { Legitimate, 136. Deaths in the year of { Legitimate Infants, 7
 { Illegitimate, 7. { Illegitimate „ 2
 Deaths from all Causes at all Ages. 67.

Factories, Workshops, Laundries, Workplaces & Homework.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspec-tions.	Written Notices.	Prosecu-tions.
FACTORIES (including Factory Laundries)	41	7	
WORKSHOPS (including Workshop Laundries)			
WORKPLACES			
HOMEWORKERS' PREMISES			
TOTAL	41	7	

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referr'd to H.M. Insp'ct'r	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of Cleanliness	3	3		
Want of Ventilation	2			
Overcrowding				
Want of Drainage of Floors	4	4		
Other Nuisances	5	5		
Sec. 22 of the P.H.A.A. Act, 1890, has been adopted. The sanitary accommodation of each Workshop is considered by the Council on its merits, and, where necessary, alterations or additions are enforced.	†Sanitary Accommodation			
}	Insufficient	1		
	Unsuitable or Defective			
	Not separate for Sexes			
<i>Offences under the Factory & Workshop Act :—</i>				
Illegal occupation of underground bakehouse (s. 101)				
Breach of Special Sanitary Requirements for Bakehouses (SS. 97 to 100)				
Failure as regard Lists of Outworkers (S. 107)... ..				
Giving out work to be done in premises which are—				
Unwholesome (S. 108)				
Infected (S. 110)				
Allowing Wearing Apparel to be made in premises infected by scarlet fever or smallpox (S. 109)				
Other Offences				
Total	15	12		

* Including those specified in Sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

† For Districts not in London state here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so, what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

3.—OTHER MATTERS.

CLASS.										Number.	
<i>Matters notified to H.M. Inspector of Factories :—</i>											
Failure to affix Abstract of the Factory and Workshop Act (s. 133)										12	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5)										{	
										Notified by H.M. Inspector	
										{	
										Reports (of action taken) sent to H.M. Inspector ...	
Other											
<i>Underground Bakehouses (s. 101) :—</i>											
Certificates granted during the year											
In use at the end of the year... ..											
<i>Homework :—</i>										Number of	
<i>List of Outworkers*</i> (s. 107) :—										Lists.	Out-workers.
Lists received... ..										1	1
Addresses of outworkers										{	
										forwarded to other Authorities	
										{	
										received from other Authorities	
<i>Homework in unwholesome or infected premises :—</i>										Wearing Apparel.	Other.
Notices prohibiting homework in unwholesome premises (s. 108)											
Cases of infectious disease notified at homeworkers' premises											
Orders prohibiting homework in infected premises (s. 110)											
Workshops on the Register (s. 131) at the end of the year											
Important classes of workshops, such as workshop bake-houses, may be enumerated here.	Factories									3	
	Workshop Bakehouses									8	
	Laundries (various)									4	
	Dressmakers									11	
	Other Workshops									24	
Total number of workshops on Register										50	